

(ii) Moored at the LOOP marine terminal for the purposes of cargo transfer operations or anchored in the designated anchorage area awaiting discharge.

(o) The owner or operator of a vessel carrying groups I through IV petroleum oil as a primary cargo must identify in the response plan and ensure the availability of, through contract or other approved means, an oil spill removal organization capable of effecting a shoreline cleanup operation commensurate with the quantity of emulsified petroleum oil to be planned for in shoreline cleanup operations.

(1) The shoreline cleanup resources required must be determined as described in appendix B of this part.

(2) Vessels that intend to offload their cargo at the Louisiana Offshore Oil Port (LOOP) marine terminal are not required to comply with the requirements of this paragraph when they are within the offshore area and under one of the following conditions:

(i) Approaching or departing the LOOP marine terminal within the LOOP Shipping Safety Fairway as defined in 33 CFR 166.200.

(ii) Moored at the LOOP marine terminal for the purposes of cargo transfer operations or anchored in the designated anchorage area awaiting discharge.

(p) Appendix B of this part sets out caps that recognize the practical and technical limits of response capabilities for which an individual vessel owner or operator can contract in advance. Table 6 in appendix B lists the contracting caps that are applicable, as of February 18, 1993, and that are slated to apply on February 18, 1998. The owner or operator of a vessel carrying groups I through IV petroleum oil as a primary cargo, whose required daily recovery capacity exceeds the applicable contracting caps in table 6, shall identify commercial sources of additional equipment equal to twice the cap listed for each tier or the amount necessary to reach the calculated planning volume, whichever is lower, to the extent that this equipment is available. The equipment so identified must be capable of arriving on scene no later than the applicable tier response times contained in §155.1050(g) or as quickly as

the nearest available resource permits. A response plan must identify the specific sources, locations, and quantities of this additional equipment. No contract is required.

(q) The Coast Guard will continue to evaluate the environmental benefits, cost efficiency and practicality of increasing mechanical recovery capability requirements. This continuing evaluation is part of the Coast Guard's long term commitment to achieving and maintaining an optimum mix of oil spill response capability across the full spectrum of response modes. As best available technology demonstrates a need to evaluate or change mechanical recovery capacities, a review of cap increases and other requirements contained within this subpart may be performed. Any changes in the requirements of this section will occur through a public notice and comment process. During this review, the Coast Guard will determine if established caps remain practicable and if increased caps will provide any benefit to oil spill recovery operations. The review will include and evaluation of:

- (1) Best available technologies for containment and recovery;
- (2) Oil spill tracking technology;
- (3) High rate response techniques;
- (4) Other applicable response technologies; and
- (5) Increases in the availability of private response resources.

[CGD 91-034, 61 FR 1081, Jan. 12, 1996, as amended by USCG-2008-0179, 73 FR 35015, June 19, 2008; USCG-1998-3417, 73 FR 80649, Dec. 31, 2008; USCG-2001-8661, 74 FR 45028, Aug. 31, 2009]

§ 155.1052 Response plan development and evaluation criteria for vessels carrying group V petroleum oil as a primary cargo.

(a) Owners and operators of vessels that carry group V petroleum oil as a primary cargo must provide information in their plan that identifies—

(1) Procedures and strategies for responding to discharges up to a worst case discharge of group V petroleum oils to the maximum extent practicable; and

(2) Sources of the equipment and supplies necessary to locate, recover, and mitigate such a discharge.

(b) Using the criteria in Table 1 of Appendix B of this part, an owner or operator of a vessel carrying group V petroleum oil as a primary cargo must ensure that any equipment identified in a response plan is capable of operating in the conditions expected in the geographic area(s) in which the vessel operates. When evaluating the operability of equipment, the vessel owner or operator must consider limitations that are identified in the Area Contingency Plans for the COTP zones in which the vessel operates, including—

- (1) Ice conditions;
- (2) Debris;
- (3) Temperature ranges; and
- (4) Weather-related visibility.

(c) The owner or operator of a vessel carrying group V petroleum oil as a primary cargo must identify in the response plan and ensure, through contract or other approved means, the availability of required equipment, including—

- (1) Sonar, sampling equipment, or other methods for locating the oil on the bottom or suspended in the water column;
- (2) Containment boom, sorbent boom, silt curtains, or other methods for containing oil that may remain floating on the surface or to reduce spreading on the bottom;
- (3) Dredges, pumps, or other equipment necessary to recover oil from the bottom and shoreline; and
- (4) Other appropriate equipment necessary to respond to a discharge involving the type of oil carried.

(d) Response resources identified in a response plan under paragraph (c) of this section must be capable of being deployed within 24 hours of discovery of a discharge to the port nearest the area where the vessel is operating. An oil spill removal organization may not be listed in the plan unless the oil spill removal organization has provided written consent to be listed in the plan as an available resource.

(e) The owner or operator of a vessel carrying group V petroleum oil as a primary cargo shall identify in the response plan and ensure the availability of the following resources through contract or other approved means—

- (1) A salvage company with appropriate expertise and equipment; and

(2) A company with vessel fire-fighting capability that will respond to casualties in the area(s) in which the vessel is operating.

(f) Vessel owners or operators must identify intended sources of the resources required under paragraph (e) of this section capable of being deployed to the areas in which the vessel will operate. A company may not be listed in the plan unless the company has provided written consent to be listed in the plan as an available resource. To meet this requirement in a response plan submitted for approval or re-approval on or after February 18, 1998, the vessel owner or operator must identify both the intended sources of this capability and demonstrate that the resources are capable of being deployed to the port nearest to the area where the vessel operates within 24 hours of discovery of a discharge.

(g) The owner or operator of a vessel carrying group V petroleum oil as a primary cargo shall identify in the response plan and ensure the availability of certain resources required by §§ 155.1035(c)(5)(ii) and 155.1040(c)(5)(i), as applicable, through contract or other approved means.

(1) Resources must include—

- (i) Fendering equipment;
- (ii) Transfer hoses and connection equipment; and
- (iii) Portable pumps and ancillary equipment necessary to offload the vessel's largest cargo tank in 24 hours of continuous operation.

(2) Resources must be capable of reaching the locations in which the vessel operates within the stated times following notification:

- (i) Inland, nearshore, and Great Lakes waters—12 hours.
- (ii) Offshore waters and rivers and canals—18 hours.
- (iii) Open ocean waters—36 hours.

(3) For barges operating in rivers and canals as defined in this subpart, the requirements of this paragraph (g)(3) may be met by listing resources capable of being deployed in an area within the response times in paragraph (g)(2) of this section. A vessel owner or operator may not identify such resources in a plan unless the response organization has provided written consent to be

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identified in a plan as an available resource.

§ 155.1055 Training.

(a) A response plan submitted to meet the requirements of §155.1035 or §155.5035 must identify the training to be provided to persons having responsibilities under the plan, including members of the vessel crew, the qualified individual, and the spill management team. A response plan submitted to meet the requirements of §155.1040 must identify the training to be provided to the spill management team, the qualified individual, and other personnel in §155.1040 with specific responsibilities under the plan including tankermen and members of the towing vessel crew. The training program must differentiate between that training provided to vessel personnel and that training provided to shore-based personnel. Appendix C of this part provides additional guidance regarding training.

(b) A vessel owner or operator shall ensure the maintenance of records sufficient to document this training and make them available for inspection upon request by the Coast Guard. Records must be maintained for 3 years following completion of training. The response plan must identify the location of training records, which must be—

- (1) On board the vessel;
- (2) With the qualified individual; or
- (3) At a U.S. location of the spill management team.

(c) A vessel owner or operator may identify equivalent work experience which fulfills specific training requirements.

(d) The vessel owner or operator shall ensure that any oil spill removal organization identified in a response plan to meet the requirements of this part maintains records sufficient to document training for the organization's personnel. These records must be available for inspection upon request by the Coast Guard. Records must be maintained for 3 years following completion of training.

(e) Nothing in this section relieves the vessel owner or operator from the responsibility to ensure that all private shore-based response personnel

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are trained to meet the Occupational Safety and Health Administration (OSHA) standards for emergency response operations in 29 CFR 1910.120.

(f) A training plan may be prepared in accordance with Training Elements for Oil Spill Response to satisfy the requirements of this section.

[CGD 91-034, 61 FR 1081, Jan. 12, 1996, as amended by USCG-2008-1070, 78 FR 60123, Sept. 30, 2013]

§ 155.1060 Exercises.

(a) A vessel owner or operator required by §155.1035, §155.1040, or §155.5035 to have a response plan shall conduct exercise as necessary to ensure that the plan will function in an emergency. Both announced and unannounced exercises must be included. The following are the minimum exercise requirements for vessels covered by this subpart:

(1) Qualified individual notification exercises, which must be conducted quarterly;

(2) Emergency procedures exercises, which must be conducted quarterly;

(3) Shore-based spill management team tabletop exercises, which must be conducted annually. In a triennial period, at least one of these exercises must include a worst case discharge scenario;

(4) Oil spill removal organization equipment deployment exercises, which must be conducted annually; and

(5) An exercise of the entire response plan, which must be conducted every 3 years. The vessel owner or operator shall design the exercise program so that all components of the response plan are exercised at least once every 3 years. All of the components do not have to be exercised at one time; they may be exercised over the 3-year period through the required exercises or through an area exercise.

(b) Annually, at least one of the exercises listed in §155.1060(a) (2) and (4) must be unannounced. An unannounced exercise is one in which the personnel participating in the exercise have not been advised in advance of the exact date, time, and scenario of the exercise.

(c) A vessel owner or operator shall participate in unannounced exercises, as directed by the Coast Guard COTP.